

REMARKS

INTRODUCTION:

In accordance with the foregoing, claims 14 and 22-23 have been canceled, and claims 1, 10, 12, 15, 17, 20, 24 and 29 have been amended. No new matter is being presented, and approval and entry are respectfully requested.

Claims 1-13, 15-21, and 24-30 are pending and under consideration. Reconsideration is respectfully requested.

ALLOWABLE SUBJECT MATTER

Claims 18 and 19 are allowed.

CLAIMS OBJECTED TO

Claims 4-6, 14, 15, 23-27, 29, and 30 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

REJECTION UNDER 35 U.S.C. §102:

A. In the Office Action, at page 2, numbered paragraph 2, claims 1-3, 9, 11, 12, 20-22 and 28 were rejected under 35 U.S.C. §102(b) as being anticipated by Makris (GB2286111). This rejection is traversed and reconsideration is requested.

It is respectfully submitted that the present invention, as recited in claim 1, recites:

A cooking apparatus, comprising:

at least one heating unit mounted in a body;

a food support unit mounted on the body to hold food to be cooked, the food support unit comprising a plurality of grill pipes filled with water to cool the grill pipes;

a heat reflecting unit to reflect heat generated by the at least one heating unit toward the food support unit; and

a water cooling unit to cool the heat reflecting unit using water. (emphasis added)

It should be noted that the present invention, as claimed, includes a water cooling unit to cool the heat reflecting unit using water(see paragraph 43 of the specification, reproduced here for the Examiner's convenience):

As a result, when the heat reflecting body 30 with **the inner space 38 filled with water** through the water inlet 39 is inserted into the interior of the body 10 through the slot 15 formed in the front of the body 10, the heat reflecting unit 30 is slidably moved to and inserted into the interior of the body 10. (emphasis added)

It is respectfully submitted that the present invention, as claimed, recites a water cooling unit to cool the heat reflecting unit using water, which is not disclosed by Makris. Thus, claim 1 is submitted not to be anticipated by Makris (GB2286111) under 35 U.S.C. §102(b). Since claims 2-3, 9 and 11 depend from claim 1, claims 2-3, 9 and 11 are submitted not to be anticipated by Makris (GB2286111) under 35 U.S.C. §102(b) for at least the reason that claim 1 is submitted not to be anticipated by Makris (GB2286111) under 35 U.S.C. §102(b).

Claim 12 has been amended to include the features of claim 14:

wherein the heat reflecting unit further comprises a bottom plate, a front plate, a rear plate and two side plates upwardly extending from edges of the bottom plate, the reflecting plates being disposed within the front plate, the rear plate and the two side plates and comprising first and second inner and outer reflecting plates disposed near the heating units, roughly forming a W shape, and

wherein the first and the second inner and outer reflecting plates, respectively, form first and second recesses therebetween, respectively, and the bottom plate, the front plate, the rear plate, the two side plates and the reflecting plates define an inner space therebetween.

It is respectfully submitted that Makris does not disclose the features of amended claim 12. Claim 14 has been cancelled without prejudice or disclaimer. Thus, claim 12 is submitted not to be anticipated by Makris (GB2286111) under 35 U.S.C. §102(b).

Claim 15 has been amended to depend from amended claim 12.

Claim 20 has been amended to include the features of claims 22-23 as follows:

A cooking apparatus having a body, comprising:

a food support unit seated on an upper portion of the body, to support food to be cooked;
at least one heating unit positioned on a side of the body to heat the food on the food support unit;

a heat reflecting unit positioned at a predetermined angle with respect to the at least one heating unit positioned to heat the food on the heating unit to reflect heat transmitted from the heating unit toward the food support unit, said heat reflecting unit containing liquid therein to prevent droppings, from food laid on the food support unit, from being burned,

wherein said heat reflecting unit comprises front and rear walls and sidewalls extending upward to a predetermined height, with recesses defined by lower portions of the at least one reflecting plate and said walls of the heat reflecting unit to collect droppings from the food therein, and

wherein said heat reflecting unit comprises a bottom plate which is defined by connecting lower ends of said walls of the heat reflecting unit to each other, with an interior space defined between the reflecting plates and the bottom plate.

Claims 22-23 have been cancelled without prejudice or disclaimer. It is respectfully submitted that Makris does not disclose the features of amended claim 20. Thus, amended claim 20 is submitted not to be anticipated by Makris (GB2286111) under 35 U.S.C. §102(b).

Claim 24 has been amended to depend from amended claim 20.

Since claims 21, 24-25, 26-27 and 28 depend from amended claim 20, claims 21, 24-25, 26-27 and 28 are submitted not to be anticipated by Makris (GB2286111) under 35 U.S.C. §102(b) for at least the reasons that amended claim 20 is submitted not to be anticipated by Makris (GB2286111) under 35 U.S.C. §102(b).

B. In the Office Action, at pages 2, numbered paragraph 3, claims 1, 2, 7-9, and 11 were rejected under 35 U.S.C. §102(b) as being anticipated by Masters (USPN 4,421,015) This rejection is traversed and reconsideration is requested.

Claim 1 has been amended to recite "a water cooling unit to cool the heat reflecting unit using water." Thus, claim 1 of the present invention recites a water cooling unit, whereas Masters teaches an air-cooled apparatus, and does not disclose a water-cooling unit to cool the heat reflecting unit. Hence, claim 1 is submitted not to be anticipated by Masters (USPN 4,421,015) under 35 U.S.C. §102(b).

Since claims 2, 7-9 and 11 depend from amended claim 1, claims 2, 7-9 and 11 are submitted not to be anticipated by Masters (USPN 4,421,015) under 35 U.S.C. §102(b) for at least the reasons that amended claim 1 is submitted not to be anticipated by Masters (USPN 4,421,015) under 35 U.S.C. §102(b).

C. In the Office Action, at pages 2-3, numbered paragraphs 4, claims 1, 9, 12, 13, 21 and 22 were rejected under 35 U.S.C. §102(b) as being anticipated by Guerrier (FR2670274). This rejection is traversed and reconsideration is requested.

Claim 1 has been amended to recite: “a food support unit mounted on the body to hold food to be cooked, the food support unit comprising a plurality of grill pipes filled with water to cool the grill pipes.” Thus, amended claim 1 recites that the grill pipes are water-cooled, which is not disclosed by Guerrier (FR2670274). Hence, amended claim 1 is submitted not to be anticipated by Guerrier (FR2670274) under 35 U.S.C. §102(b). Since claim 9 depends from amended claim 1, claim 9 is submitted not to be anticipated by Guerrier (FR2670274) under 35 U.S.C. §102(b) for at least the reasons that amended claim 1 is submitted not to be anticipated by Guerrier (FR2670274) under 35 U.S.C. §102(b).

Claim 12 has been amended to include the features of claim 14:

wherein the heat reflecting unit further comprises a bottom plate, a front plate, a rear plate and two side plates upwardly extending from edges of the bottom plate, the reflecting plates being disposed within the front plate, the rear plate and the two side plates and comprising first and second inner and outer reflecting plates disposed near the heating units, roughly forming a W shape, and

wherein the first and the second inner and outer reflecting plates, respectively, form first and second recesses therebetween, respectively, and the bottom plate, the front plate, the rear plate, the two side plates and the reflecting plates define an inner space therebetween.

It is respectfully submitted that Guerrier (FR2670274) does not disclose the features of amended claim 12. Claim 14 has been cancelled without prejudice or disclaimer. Thus, claim 12 is submitted not to be anticipated by Guerrier (FR2670274) under 35 U.S.C. §102(b).

Claim 20 has been amended to include the features of claims 22-23 as follows:

A cooking apparatus having a body, comprising:

a food support unit seated on an upper portion of the body, to support food to be cooked;
at least one heating unit positioned on a side of the body to heat the food on the food support unit;

a heat reflecting unit positioned at a predetermined angle with respect to the at least one heating unit ~~positioned~~ to heat the food on the heating unit to reflect heat transmitted from the heating unit toward the food support unit, said heat reflecting unit containing liquid therein to prevent droppings, from food laid on the food support unit, from being burned,

wherein said heat reflecting unit comprises front and rear walls and sidewalls extending upward to a predetermined height, with recesses defined by lower portions of the at least one reflecting plate and said walls of the heat reflecting unit to collect droppings from the food therein, and

wherein said heat reflecting unit comprises a bottom plate which is defined by connecting lower ends of said walls of the heat reflecting unit to each other, with an interior space defined between the reflecting plates and the bottom plate.

Claims 22-23 have been cancelled without prejudice or disclaimer. It is respectfully submitted that Guerrier (FR2670274) does not disclose the features of amended claim 20. Thus, amended claim 20 is submitted not to be anticipated by Guerrier (FR2670274) under 35 U.S.C. §102(b).

REJECTION UNDER 35 U.S.C. §103:

A. In the Office Action, at page 4, numbered paragraph 8, claim 10 was rejected under 35 U.S.C. §103(a) as being unpatentable over Makris (GB2286111) in view of Hennick (USPN 5,189,945). The reasons for the rejection are set forth in the Office Action and therefore not repeated. The rejection is traversed and reconsideration is requested.

As noted by the Examiner, Makris fails to specifically recite the plurality of water tanks connected by hollow grill pipes that allows for the water to pass through the pipes so as to cool the grill enough to avoid food sticking thereto. It is respectfully submitted that neither Makris nor Hennick, alone or in combination teaches or suggest a water cooling unit to cool the heat reflecting unit using water, as is recited by amended claim 1 of the present invention.

Thus, amended claim 1 is submitted to be patentable over Makris (GB2286111) in view of Hennick (USPN 5,189,945) under 35 U.S.C. §103(a). Since claim 10 depends from amended claim 1, claim 10 is submitted to be patentable over Makris (GB2286111) in view of Hennick (USPN 5,189,945) under 35 U.S.C. §103(a) for at least the reasons that amended claim 1 is submitted to be patentable over Makris (GB2286111) in view of Hennick (USPN 5,189,945) under 35 U.S.C. §103(a).

B. In the Office Action, at page 4, numbered paragraph 9, claim 16 was rejected under 35 U.S.C. §103(a) as being unpatentable over Makris (GB2286111) or Guerrier (FR2670274).

The reasons for the rejection are set forth in the Office Action and therefore not repeated. The rejection is traversed and reconsideration is requested.

As noted above, Claim 12 has been amended to include the features of claim 14:
wherein the heat reflecting unit further comprises a bottom plate, a front plate, a rear plate and two side plates upwardly extending from edges of the bottom plate, the reflecting plates being disposed within the front plate, the rear plate and the two side plates and comprising first and second inner and outer reflecting plates disposed near the heating units, roughly forming a W shape, and
wherein the first and the second inner and outer reflecting plates, respectively, form first and second recesses therebetween, respectively, and the bottom plate, the front plate, the rear plate, the two side plates and the reflecting plates define an inner space therebetween.

It is respectfully submitted that neither Makris (GB2286111) nor Guerrier (FR2670274) teaches or suggests the features of amended claim 12. Claim 14 has been cancelled without prejudice or disclaimer. Thus, claim 12 is submitted to be patentable over Makris (GB2286111) and/or Guerrier (FR2670274), alone or in combination, under 35 U.S.C. §103(a). Since claim 16 depends from amended claim 12, claim 16 is submitted to be patentable over Makris (GB2286111) and/or Guerrier (FR2670274), alone or in combination, under 35 U.S.C. §103(a) for at least the reasons that amended claim 12 is submitted to be patentable over Makris (GB2286111) and/or Guerrier (FR2670274), alone or in combination, under 35 U.S.C. §103(a).

CLAIM 17:

The Examiner did not specifically state the grounds for the rejection of claim 17 (see Office Action Summary). Claim 17 has been amended to recite " the food support unit comprising a plurality of grill pipes filled with water to cool the grill pipes," and is submitted to be allowable over the cited prior art in this office action.

CONCLUSION:

In accordance with the foregoing, it is respectfully submitted that all outstanding objections and rejections have been overcome and/or rendered moot, and further, that all pending claims patentably distinguish over the prior art. Thus, there being no further

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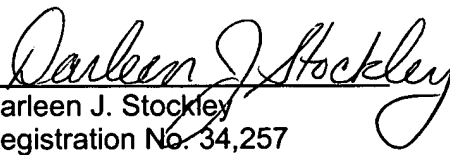
outstanding objections or rejections, the application is submitted as being in condition for allowance which action is earnestly solicited.

If the Examiner has any remaining issues to be addressed, it is believed that prosecution can be expedited by the Examiner contacting the undersigned attorney for a telephone interview to discuss resolution of such issues.

If there are any underpayments or overpayments of fees associated with the filing of this Amendment, please charge and/or credit the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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